



# Philips most advanced LED replacements for compact fluorescent PL-L lamps with 2G11 base

## PL-L

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps.

### Benefits

- Minimizes overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology
- Excellent compatibility with existing fluorescent ballasts

### Features

- High energy efficiency, over 40% energy savings
- Long lifetime with superior color and lumen maintenance
- Easy plug-and-play installation. Retrofit replacement of existing CFL-ni lamps
- Conventional form factor fits into existing luminaires
- Durable polycarbonate construction

### Application

- Office and general lighting
- Residential and multi-family complexes
- Retail and hospitality

Versions



2G11 Tube, single-ended Frosted

2G11 Tube, single-ended Frosted

Dimensional drawing



Product	D	D1	A1	A2	A3
16.5PL-L/COR/22-840/ IF23/P/4P/DIM 10/1	1-5/8 in	13/16 in	19-3/4 in	22-1/4 in	22-1/2 in
16.5PL-L/COR/22-835/ IF22/P/4P/DIM 10/1	1-5/8 in	13/16 in	19-3/4 in	22-1/4 in	22-1/2 in
16.5PL-L/COR/22-830/ IF22/P/4P/DIM 10/1	1-5/8 in	13/16 in	19-3/4 in	22-1/4 in	22-1/2 in
17PL-L/COR/22-830/ MF22/G/4P 10/1	22-3/8 in		22-1/16 in		22-3/8 in
17PL-L/COR/22-835/ MF22/G/4P 10/1	22-3/8 in		22-1/16 in		22-3/8 in
17PL-L/COR/22-840/ MF22/G/4P 10/1	22-3/8 in		22-1/16 in		22-3/8 in

### Operating and electrical

Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s

### General information

Cap-Base	2G11
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000

### Light technical

Beam Angle (Nom)	160 °
Color Rendering Index (Nom)	82
Llmf At End Of Nominal Lifetime (Nom)	70 %

### Mechanical and housing

Bulb Finish	Frosted
Bulb Shape	Tube, single-ended

### Temperature

T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F

### Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	- kWh
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	- kWh
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	- kWh
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	-
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	-
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	-

### Controls and dimming

Order Code	Full Product Name	Dimmable
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	No
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	No
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	No

Order Code	Full Product Name	Dimmable
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	Yes
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	Yes
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	Yes

### Operating and electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Nom)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Nom)
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W

### Light technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	830	3000 K	2200 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	835	3500 K	2200 lm

		Correlated Color		
Order		Color	Temperature	Luminous Flux
Code	Full Product Name	Code	(Nom)	(Nom)
532911	16.5PL-L/COR/22-840/ IF23/P/4P/DIM 10/1	841	4000 K	2300 lm
575100	17PL-L/COR/22-830/ MF22/G/4P 10/1	830	3000 K	2100 lm

		Correlated Color		
Order		Color	Temperature	Luminous Flux
Code	Full Product Name	Code	(Nom)	(Nom)
575118	17PL-L/COR/22-835/ MF22/G/4P 10/1	835	3500 K	2100 lm
575126	17PL-L/COR/22-840/ MF22/G/4P 10/1	841	4000 K	2200 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	167 °F
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	167 °F
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	167 °F
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	149 °F
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	149 °F
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	149 °F

